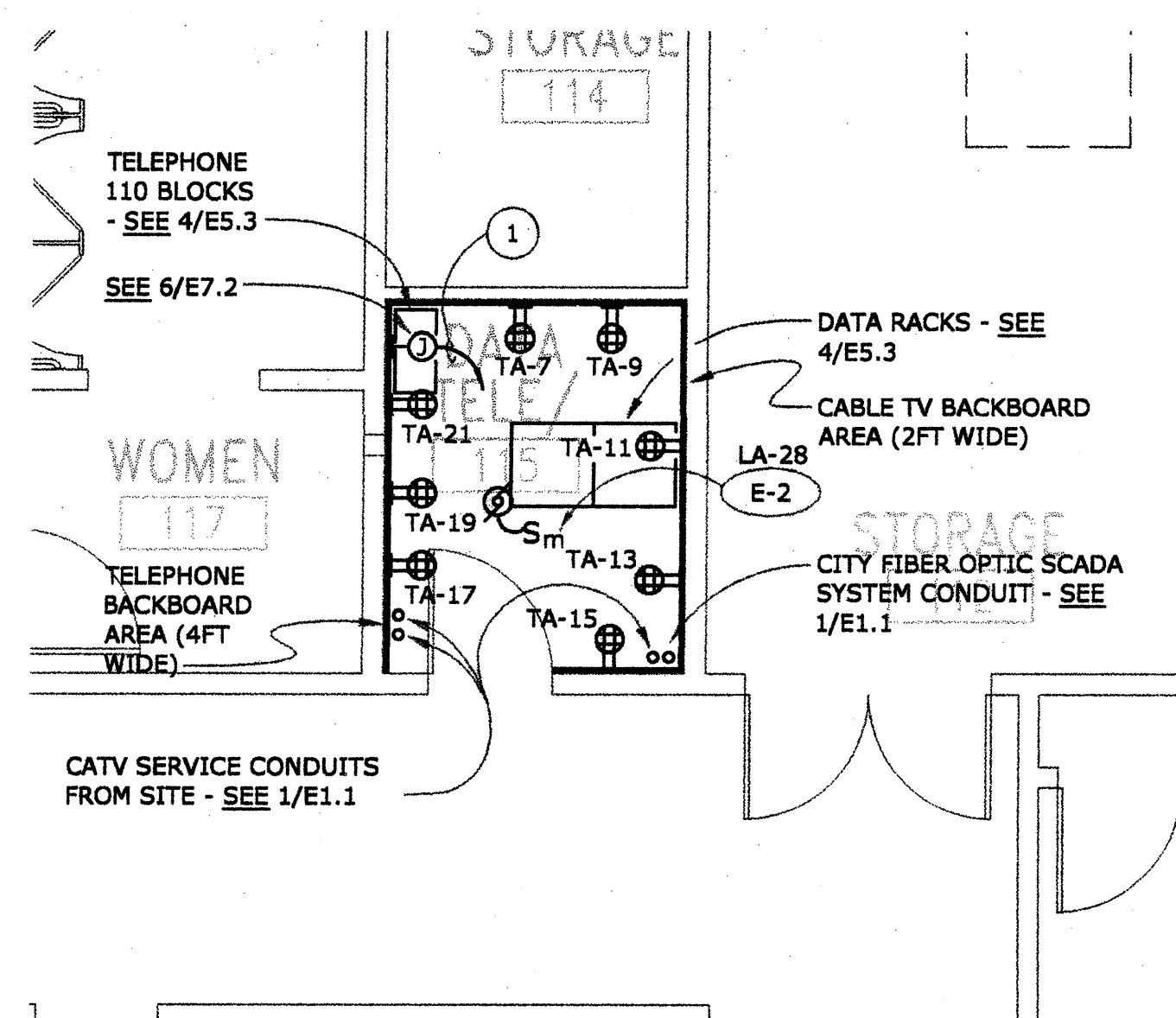


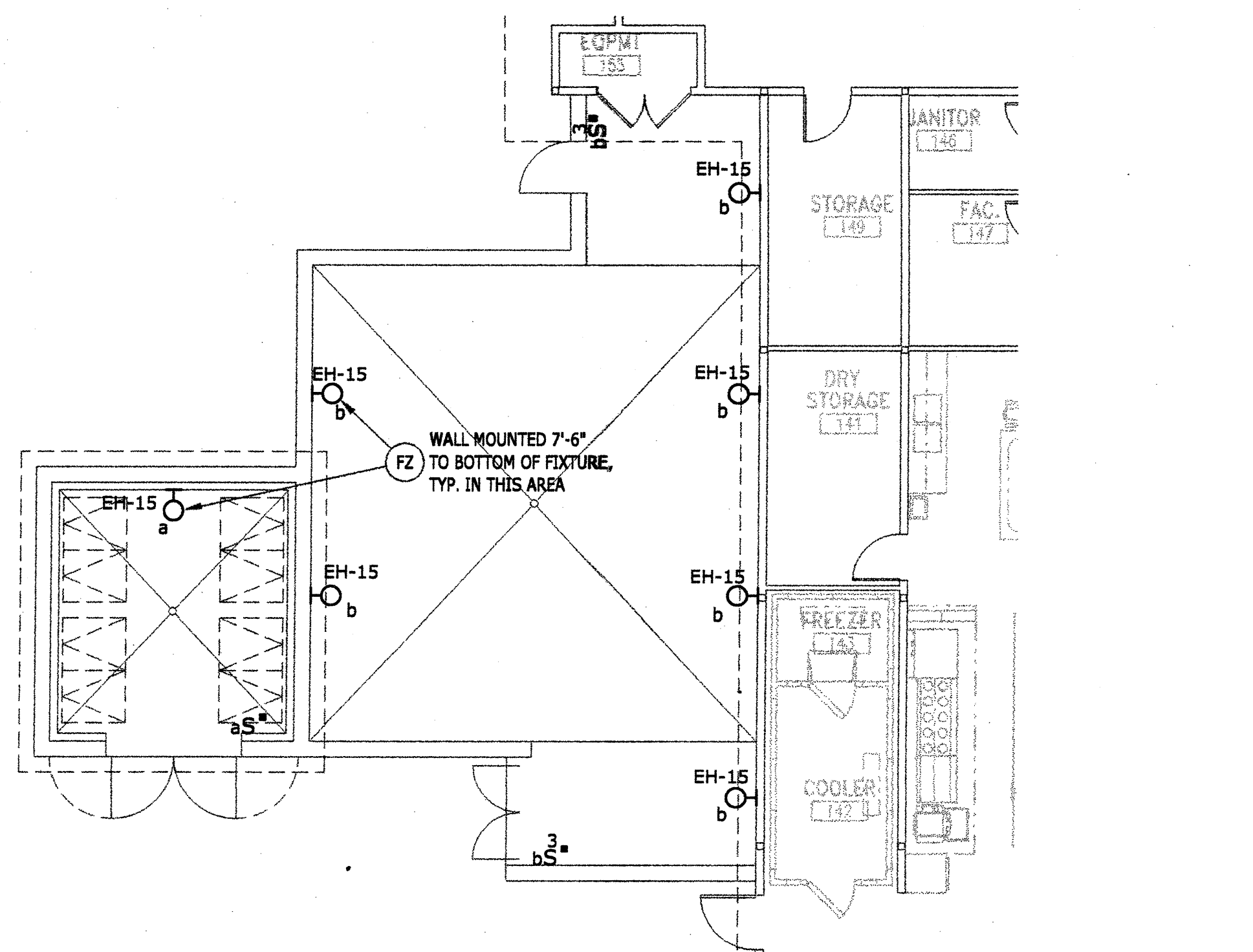
### PARTIAL PLAN - MECHANICAL YARD - ELECTRICAL

SCALE: 1/8" = 1'-0"  
FILE: ...plan (1-11-05) + FS-PLAN (1-11-05) + servyardlayout (1-11-05)



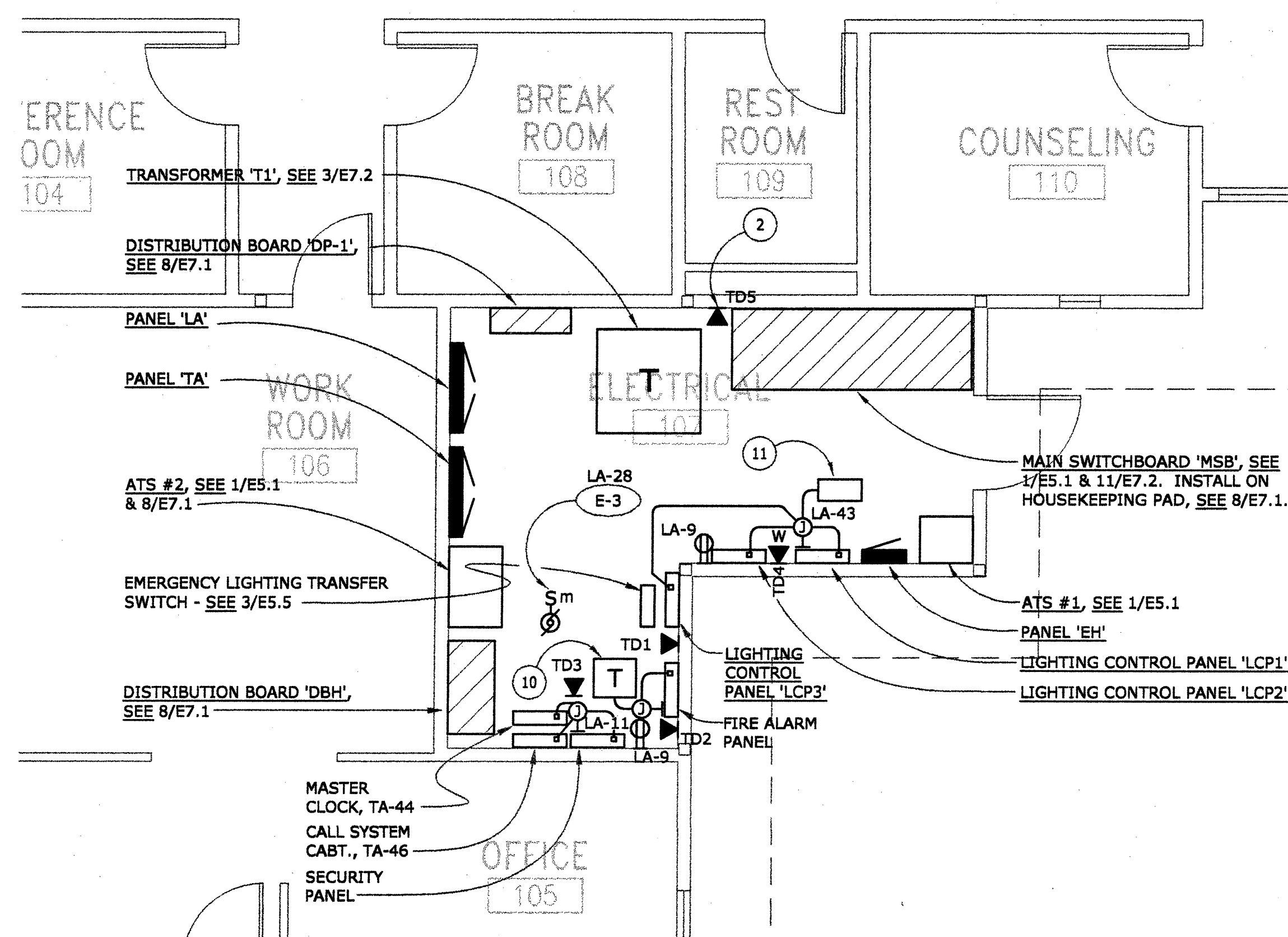
**TELE/DATA ROOM 115**

SCALE: 1/4" = 1'-0"  
FILE: ...plan (04-13-05)



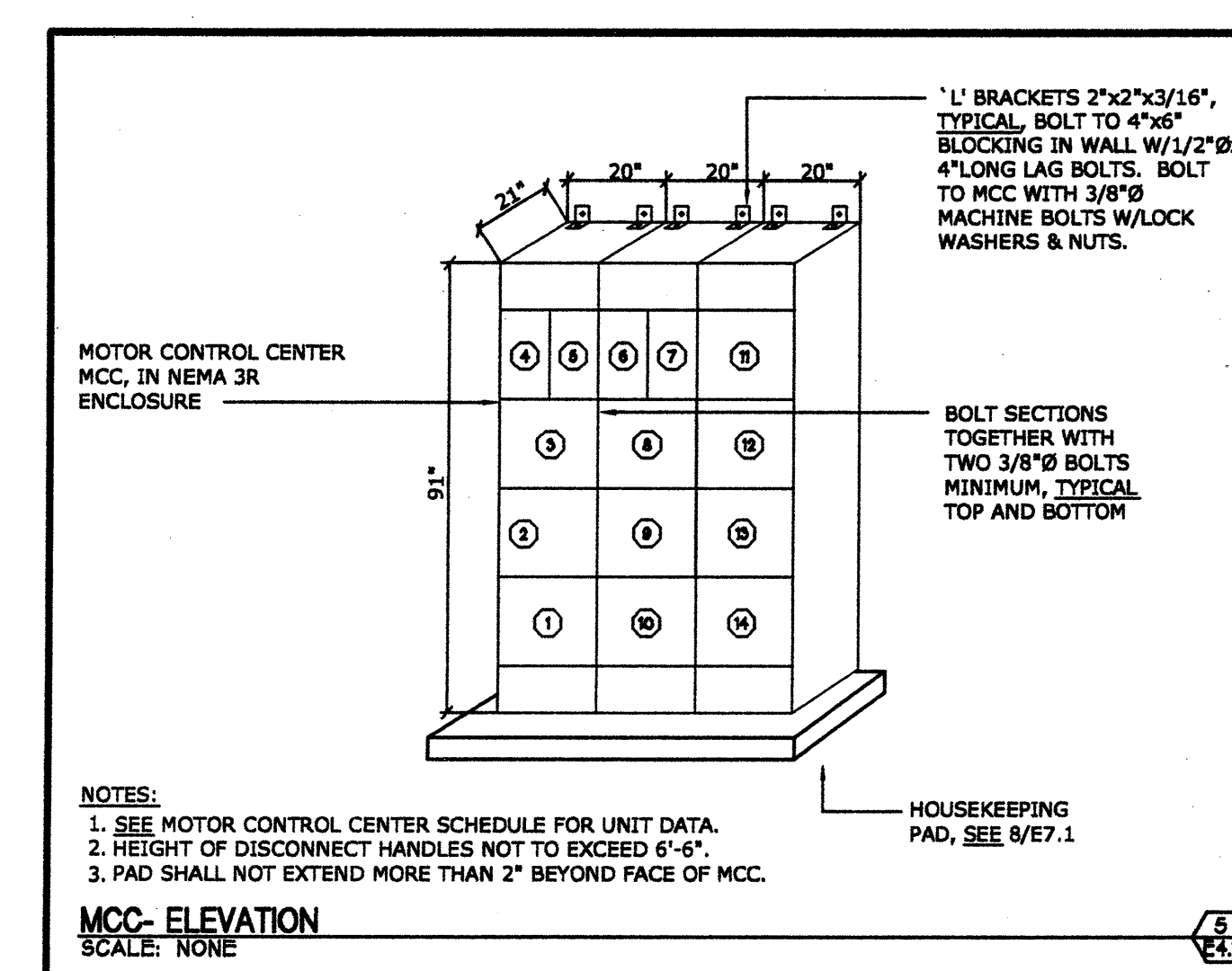
### PARTIAL PLAN - MECHANICAL YARD - LIGHTING

SCALE: 1/8" = 1'-0"  
FILE: ...plan (04-13-05)



## ELECTRICAL ROOM 107

SCALE: 1/4" = 1'-0"  
FILE: ...plan (04-13-05)



**NOTE:** CONTRACTOR TO SUBMIT SHOP  
DRAWING OF ELECTRICAL ROOM FOR  
APPROVAL PRIOR TO ROUGH-IN.

## NUMBERED SHEET NOTES

- 1 PROVIDE AND INSTALL 1 #6 G. IN 3/4" CONDUIT TO MAIN SWITCHBOARD GROUND BUS FOR PG&E REMOTE METERING.
- 2 FOR PG&E REMOTE METERING.
- 3 FUEL LEAK PANEL - SEE 10/E/2.
- 4 HOME RUN TO MCC.
- 5 VERIFY EXACT LOCATIONS OF ALL CONDUIT STUB-UPS AT GENERATOR WITH SUPPLIER PRIOR TO ROUGH-IN.
- 6 BATTERY CHARGER. CONNECT COMPLETE. VERIFY EXACT REQUIREMENTS WITH SUPPLIER PRIOR TO ROUGH-IN.
- 7 ENGINE JACKET HEATER. CONNECT COMPLETE. VERIFY EXACT REQUIREMENTS WITH SUPPLIER PRIOR TO ROUGH-IN.
- 8 RUPTURE BASIN ALARM WITH 5 #14 IN 3/4". TO FUEL LEAK PANEL. CONNECT COMPLETE. VERIFY EXACT REQUIREMENTS WITH SUPPLIER PRIOR TO ROUGH-IN.
- 9 20 #14 IN 1". TO REMOTE ANNUNCIATOR IN OFFICE 105. CONNECT COMPLETE. VERIFY EXACT REQUIREMENTS WITH SUPPLIER PRIOR TO ROUGH-IN.
- 10 PROVIDE AND INSTALL STEP DOWN TRANSFORMER FOR FIRE ALARM BRANCH CIRCUIT - SEE 1/ES.1, CONNECT TO CIRCUIT EH-26.
- 11 PROVIDE AND INSTALL A UPS FOR LIGHTING CONTROLS 120 VOLT CIRCUIT. THE UPS SHALL BE RATED AT 20AMP, 120V, WITH 10 MIN. BATTERY BACK UP, UPS SHALL BE APC TYPE OR EQUAL - SEE 1/ES.1.

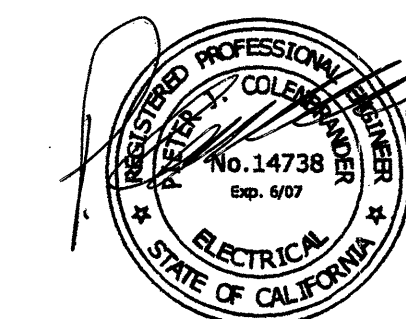
SCHED				TOTAL MECH. TON, KW, DBE, etc.						
UNIT	DISCU	USE	HP	PHASE / VOLTAGE	BRANCH CIRCUIT TYPE	CONDUIT SCHEDULE	CABLE SCHEDULE	CONTR. TYP.	PLA	REMARKS
1		1000WATT								
2	1	1-1	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
3	2	1-2	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
4	3	1-3	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
5	4	1-4	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
6	5	1-5	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
7	6	1-6	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
8	7	1-7	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
9	8	1-8	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
10	9	1-9	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
11	10	1-10	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
12	11	1-11	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
13	12	1-12	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
14	13	1-13	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	
15	14	1-14	7.5	480V	3 #12 / 1 E.G.D.	3/4"	FDZ12	12 MAG	11	

NOTE:

1950



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**MOUNTAIN VIEW  
SENIOR CENTER**

266 ESCUELA AVE  
MOUNTAIN VIEW, CA

DATE: APRIL 18, 2005

REVISIONS:

CONSTRUCTION  
SET

SHEET TITLE:

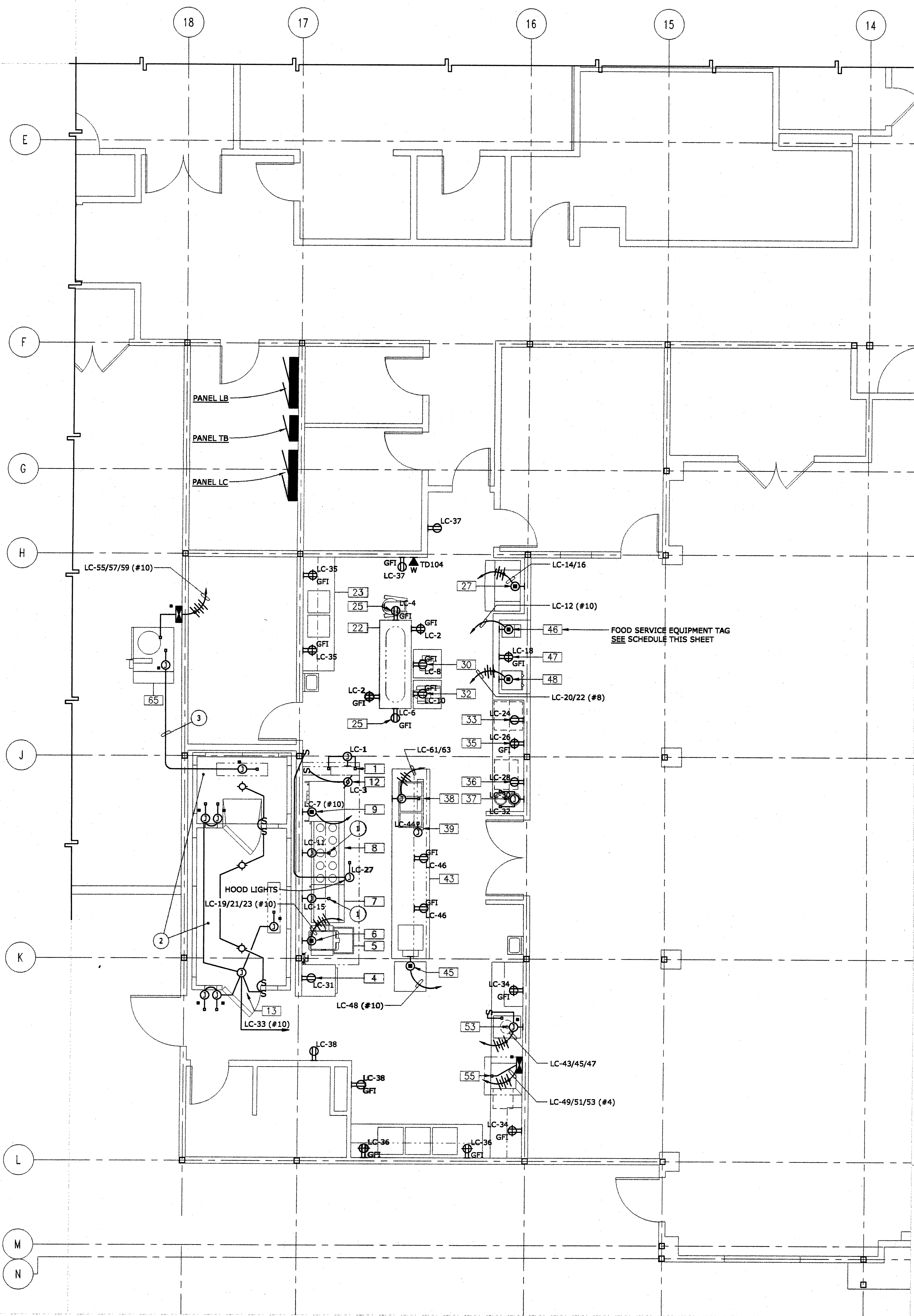
## PARTIAL PLANS - POWER, SIGNAL AND LIGHTING

DRAWN BY: LN/TV  
CHECKED BY: PJC  
JOB NO: 203106

SHEET  
E4.1

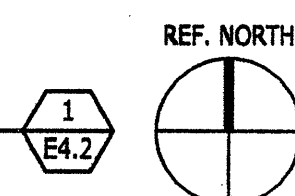
**NOTE: SEE MECHANICAL DRAWINGS  
FOR ADDITIONAL DIVISION  
16 SCOPE OF WORK**





FOODSERVICE FLOOR PLAN - ELECTRICAL

SCALE: 1/4" = 1'  
FILE: ... MVSC-FS-B1 + MVSC-FS-S1 (10-06-04)



ELECTRICAL ROUGH-IN SCHEDULE									
ITEM	QTY	DESCRIPTION	CONNECTED LOAD					CONN TYPE	
			120/1	120/208/1	120/208/3	208/1	208/3	480/3	HT
1	1	FIRE PROTECTION SYSTEM	5 AMP						FA
2	7	SHELVING							FA
3	2	UTILITY CART							
4	1	REFRIGERATOR	8.5 AMP						88"
5	1	FLOOR TROUGH/GRATE							
6	1	TILT SKILLET W/STAND					20.5 AMP		24"
7	1	RANGE/OVEN							
8	1	RANGE/OVEN							
9	1	2-DECK CONVECTION OVEN	18 AMP						48"
10		NOT USED							
11	1	15'S WALL FLASHING							
12	1	EXHAUST HOOD	8 AMP						48"
13	1	WALK-IN COOLER/FREEZER	17 AMP						FA
14	2	PAN RACK CART							
15	8	SHELVING							
16	2	HAND SINK/S&T DISPENSER							
17	4	TRASH CONTAINER							
18	1	UTENSIL RACK							
19		NOT USED							
20		NOT USED							
21	3	INGREDIENT BIN							
22	1	WORK TABLE	5 AMP						STUB
23	1	PREP TABLE WITH SINKS	5 AMP						48"
24	1	WALL SHELF							
25	1	30 QUART MIXER	10.2 AMP						STUB
26	2	FILL FAUCET							
27	1	ICE MACHINE/BIN					11.3 AMP		84"
28	2	MOBILE SHELVING							
29		NOT USED							
30	1	FOOD PROCESSOR	7 AMP						STUB
31	2	EQUIPMENT CART							
32	1	AUTOMATIC SLICER	7 AMP						STUB
33	1	U/C REFRIGERATOR	4.8 AMP						24"
34	1	WALL SHELF							
35	1	WORK COUNTER	5 AMP						48"
36	1	HEATED DRAWERS	7.5 AMP						24"
37	2	SOUP WELL	6.9 AMP						24"
38	1	HOT FOOD WELLS					13 AMP		STUB
39	1	HEAT LAMP	9.2 AMP						STUB
40		NOT USED							
41		NOT USED							
42	2	DISH CART							
43	1	CHEF'S TABLE WITH SINK	5 AMP						STUB
44	1	DOUBLE OVERSHELF							
45	1	MOBILE HOT CABINET	16.9 AMP						STUB
46	1	TEA BREWER	17 AMP						48"
47	1	COUNTER	5 AMP						48"
48	1	COFFEE BREWER					29 AMP		48"
49		NOT USED							
50		NOT USED							
51	1	SOLID DISHTABLE							
52	1	GLASS RACK SHELF							
53	1	DISPOSER/PRE-RINSE					6 AMP		24"
54	1	CONDENSATE HOOD							
55	1	DISHMACHINE/BOOSTER					51.8 AMP		24"
56	1	CLEAN DISHTABLE							
57	1	WALL SHELF							
58	1	UTENSIL RACK/SHELF							
59	1	POT SINK							
60	2	GLASS RACK CART							
61		NOT USED							
62		NOT USED							
63		NOT USED							
64		NOT USED							
65	1	REFRIGERATION SYSTEM						21 AMP	36"

ABBREVIATIONS:

CONN	CONNECTION TYPE BY DIVISION 16	FA	FROM ABOVE
C&P	CORD AND PLUG	HT	HEIGHT
RECP	RECEPTACLE		
HW	HARDWARE		

SCHEDULE / DRAWING NOTES:

SEE SHEET FS1.5 FOR NOTES, SYMBOLS AND DETAILS

CONNECTED LOAD = EACH CONNECTION AS SHOWN ON DRAWING

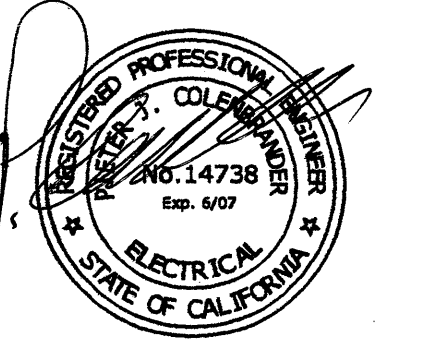
KITCHEN - GENERAL SHEET NOTES

- REFER TO FOOD SERVICE PLANS FOR ADDITIONAL INFORMATION. COORDINATE ALL ELECTRICAL REQUIREMENTS WITH FOOD SERVICE EQUIPMENT SUPPLIER.
- FURNISH AND INSTALL THE FOLLOWING:
  - ALL JUNCTION-BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC., NOT BUILT INTO FIXTURES OR EQUIPMENT. ALL OUTLETS, JUNCTION-BOXES, COVER PLATES, ETC. IN DISHROOMS OR AS INDICATED ON SCHEDULES MUST BE VAPOR PROOF.
  - ALL CORDS AND PLUGS SHALL BE N.E.M.A. RATED AND U.L. APPROVED. COORDINATE RECEPTACLE TYPE WITH EQUIPMENT MANUFACTURER.
  - SHUNT-TRIP CIRCUIT BREAKERS OF DISCONNECTS FOR FIRE CONTROL SYSTEM SHUT-OFF OF FOOD SERVICE EQUIPMENT BELOW HOODS/VENTILATORS AND REQUIRED BY N.F.P.A. - 96 AND LOCAL CODES.
  - DISCONNECTS OR OTHER DEVICES AS REQUIRED BY CODES.
- PROVIDE AND INSTALL CONDUIT AND WIRING AND INSTALL ELECTRICAL COMPONENTS AND INTERWIRE BETWEEN THE KITCHEN EXHAUST HOOD/VENTILATORS TO FIRE CONTROL SYSTEM AND SHUT-OFFS.

NUMBERED SHEET NOTES

- FOR GAS IGNITER. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- WALK-IN COOLER/FREEZER. CONNECT COMPLETE. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT VENDOR.
- PROVIDE AND INSTALL 5#12AWG IN 1/2" CONDUIT FROM REMOTE REFRIGERATION SYSTEM TO FREEZER BLOWER POWER COIL FOR POWER/DEFROST CYCLE COMPLETE. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT VENDOR.

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SENIOR CENTER

266 ESCUELA AVE  
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REVISIONS:

CONSTRUCTION  
SET

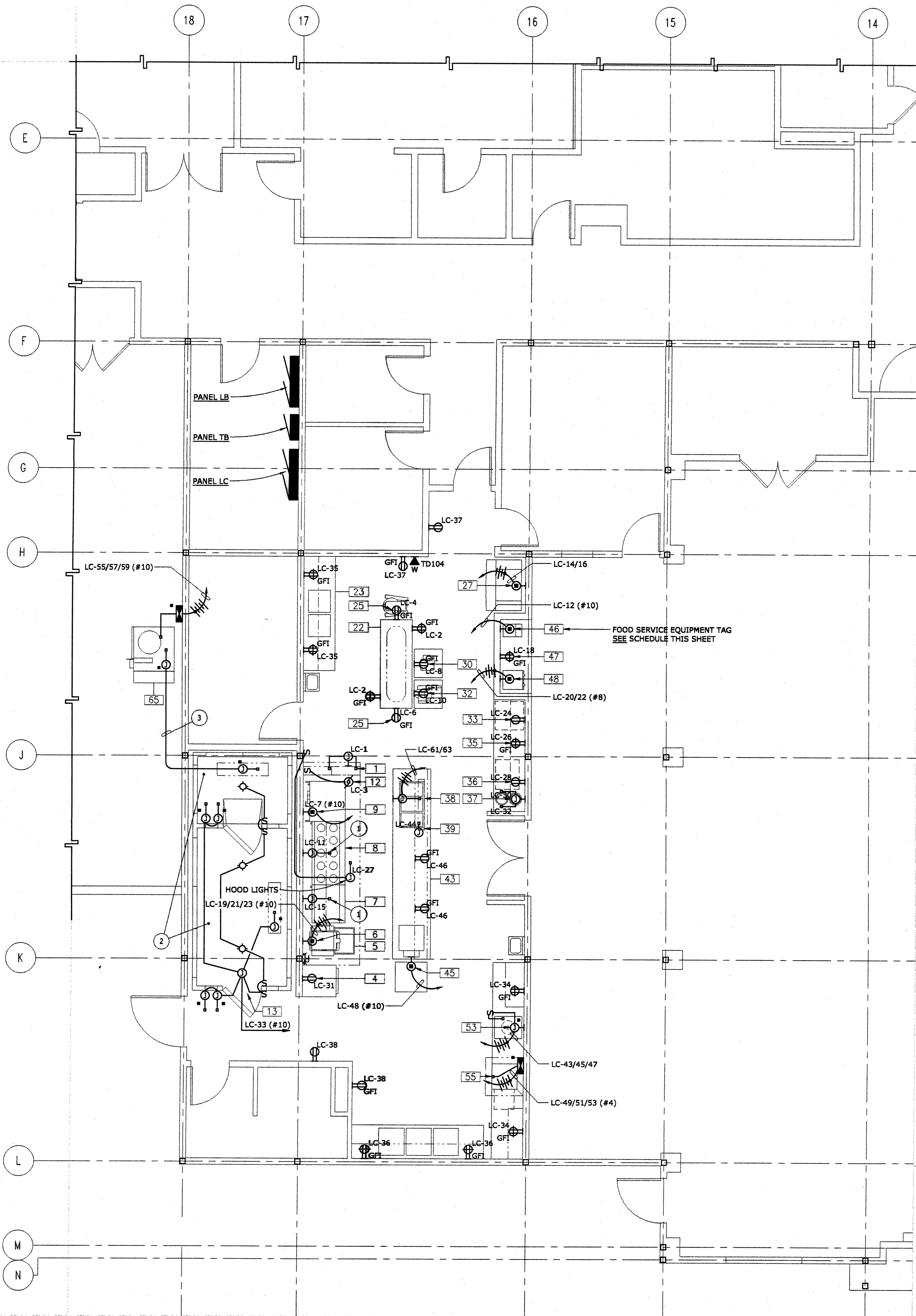
SHEET TITLE:

FOOD SERVICE  
ELECTRICAL  
PLAN

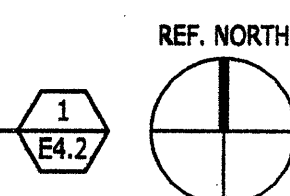
DRAWN BY:  
CHECKED BY: PJC  
JOB NO: 203106

SHEET  
**E4.2**





## FOODSERVICE FLOOR PLAN - ELECTRICAL

SCALE: 1/4" = 1'  
FILE: ... MVSC-FS-B1 + MVSC-FS-S1 (10-06-04)

## ELECTRICAL ROUGH-IN SCHEDULE

ITEM	QTY	DESCRIPTION	CONNECTED LOAD					CONN TYPE	
			120/1	120/208/1	120/208/3	208/1	208/3	480/3	HT
1	1	FIRE PROTECTION SYSTEM	5 AMP						FA
2	7	SHELVING							FA
3	2	UTILITY CART							FA
4	1	REFRIGERATOR	8.5 AMP						88"
5	1	FLOOR TROUGH/GRATE							24"
6	1	TILT SKILLET W/STAND					20.5 AMP		24"
7	1	RANGE/OVEN							48"
8	1	RANGE/OVEN							48"
9	1	2-DECK CONVECTION OVEN	18 AMP						48"
10	1	NOT USED							
11	1	15'S WALL FLASHING							48"
12	1	EXHAUST HOOD	8 AMP						48"
13	1	WALK-IN COOLER/FREEZER	17 AMP						FA
14	2	PAN RACK CART							48"
15	8	SHELVING							48"
16	2	HAND SINK/S&T DISPENSER							48"
17	4	TRASH CONTAINER							48"
18	1	UTENSIL RACK							48"
19	1	NOT USED							
20	1	NOT USED							
21	3	INGREDIENT BIN							48"
22	1	WORK TABLE	5 AMP						STUB
23	1	PREP TABLE WITH SINKS	5 AMP						48"
24	1	WALL SHELF							48"
25	1	30 QUART MIXER	10.2 AMP						STUB
26	2	FILL FAUCET							48"
27	1	ICE MACHINE/BIN					11.3 AMP		84"
28	2	MOBILE SHELVING							48"
29	1	NOT USED							
30	1	FOOD PROCESSOR	7 AMP						STUB
31	2	EQUIPMENT CART							48"
32	1	AUTOMATIC SLICER	7 AMP						STUB
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38	1	HOT FOOD WELLS					13 AMP		STUB
39	1	HEAT LAMP	9.2 AMP						STUB
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46	1	TEA BREWER	17 AMP						48"
47	1	COUNTER	5 AMP						48"
48	1	COFFEE BREWER					29 AMP		48"
49	1	NOT USED							
50	1	NOT USED							
51	1	SOILED DISHTABLE							48"
52	1	GLASS RACK SHELF							48"
53	1	DISPOSER/PRE-RINSE					6 AMP		24"
54	1	CONDENSATE HOOD							48"
55	1	DISHMACHINE/BOOSTER					51.8 AMP		24"
56	1	CLEAN DISHTABLE							48"
57	1	WALL SHELF							48"
58	1	UTENSIL RACK/SHELF							48"
59	1	POT SINK							48"
60	2	GLASS RACK CART							48"
61	1	NOT USED							
62	1	NOT USED							
63	1	NOT USED							
64	1	NOT USED							
65	1	REFRIGERATION SYSTEM						21 AMP	36"

ABBREVIATIONS:	
CONN	CONNECTION TYPE BY DIVISION 16
C&P	CORD AND PLUG
RECP	RECEPTACLE
HW	HARDWARE
SCHEDULE / DRAWING NOTES:	
SEE SHEET FS1.5 FOR NOTES, SYMBOLS AND DETAILS	
CONNECTED LOAD = EACH CONNECTION AS SHOWN ON DRAWING	

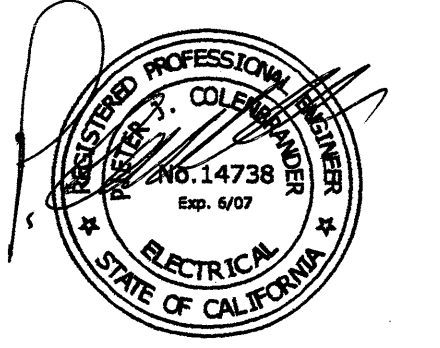
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  - DISCONNECTS OR OTHER DEVICES AS REQUIRED BY CODES.
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## NUMBERED SHEET NOTES

- FOR GAS IGNITER. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- WALK-IN COOLER/FREEZER. CONNECT COMPLETE. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT VENDOR.
- PROVIDE AND INSTALL 5#12AWG IN 1/2" CONDUIT FROM REMOTE REFRIGERATION SYSTEM TO FREEZER BLOWER POWER COIL FOR POWER/DEFROST CYCLE COMPLETE. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT VENDOR.

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MOUNTAIN VIEW  
SENIOR CENTER266 ESCUELA AVE  
MOUNTAIN VIEW, CA

DATE: APRIL 18, 2005

REVISIONS:

CONSTRUCTION  
SET

SHEET TITLE:

FOOD SERVICE  
ELECTRICAL  
PLANDRAWN BY:  
CHECKED BY: PJC  
JOB NO: 203106SHEET  
E4.2